

Amendments to Claims

Please amend the claims as indicated in the listing below, which listing supercedes and replaces all prior listings of claims:

1. (Currently Amended) In a telecommunications system, a processing module in communication with telecommunications switch or other an external communication device (collectively, "external device"), said processing module comprising:

a message handling object that receives message fragments from said external device and that (i) discerns call control events from those message fragments and (ii) forms messages from those message fragments, where at least one of those messages is formed from a plurality of message fragments, said message handling object discerning an event and forming a message associated with said event from selected ones of a plurality of received message fragments, and

a dispatcher in communication with said message handling object, said dispatcher identifying selected processes for processing the call control events discerned by the message handling object and invoking those processes with messages in connection with which those call control events were discerned a selected process for processing said event, wherein

the invoked said selected processes executing executes at least one tasks in order to process the respective call control events and, in connection therewith, providing for providing a communication services identified by the respective messages in connection with which those call control events were discerned and with which those processes were invoked said messages.

where one or more of the selected processes comprise context objects instantiated in response to call control events discerned by the message handling object.

2. (Currently Amended) A processing module according to claim 1, wherein said dispatcher is configured to identify a processor executing a containing said selected process.

Claim 3 (cancelled).

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4. (Currently Amended) A processing module according to claim 3, wherein said call control event is selected from the group consisting of offhook, dialComplete, remoteAlerting, remote-Answered, seizure, hookflash, localRelease, and remoteRelease.
5. (Currently Amended) A processing module according to claim 1, wherein one or more of said call control events belongs to an event class within an event hierarchy such that events within a same an event class are dispatched to a single processing-context object.
6. (Original) A processing module according to claim 1, wherein said communication service includes a call feature of a subscriber.
7. (Original) A processing module according to claim 6, wherein said call feature is selected from the group consisting of call forwarding, calling number delivery, calling number delivery blocking, calling name delivery, call transfer, call waiting, denied origination, denied termination, distinctive ringing, local number portability, selective call forwarding, selective call reject, speed calling, three-way call, unidentified call reject, 800 number service, 900 number blocking, and 911 service.
8. (Original) A processing module according to claim 1, wherein said message handling object is configured to determine whether a newly received message fragment is associated with one or more previously received message fragments.
9. (Original) A processing module according to claim 1, wherein said message handling object is configured to determine whether a received message fragment is the first fragment for forming a new message.
10. (Original) A processing module according to claim 1, wherein one or more of the context objects access said event activates a set of logic instructions for providing said communications service to a subscriber, said logic instructions being defined in a markup language in order to process call control events.
11. (Currently Amended) A processing module according to claim 1, 3; wherein said call control event includes an extended event defined as a combination of a call progress event and a pre-defined condition.

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12 (Original) A processing module according to claim 11, wherein said extended event is defined as a dialComplete event in combination with a prefix of dialed number being 800.

13. (Original) A processing module according to claim 1, wherein said external device is a telecommunications switch.

Claims 14 - 16 (cancelled).